

FIG. 1

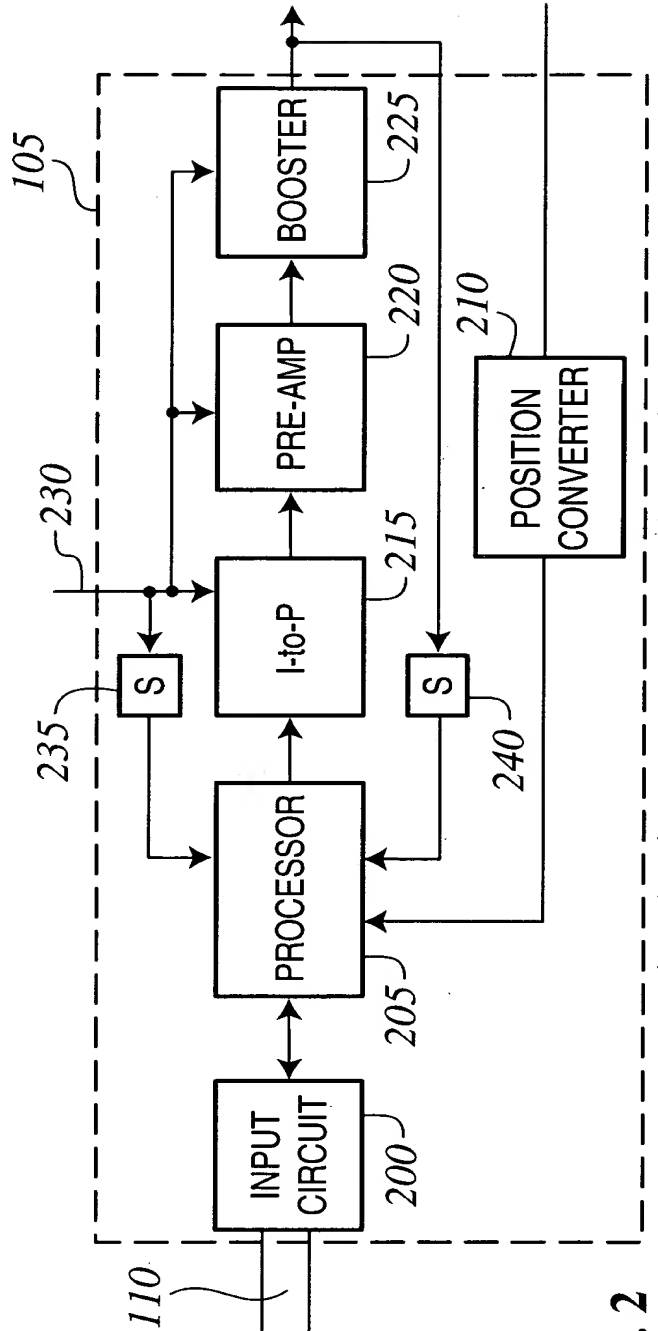


FIG. 2

2/24

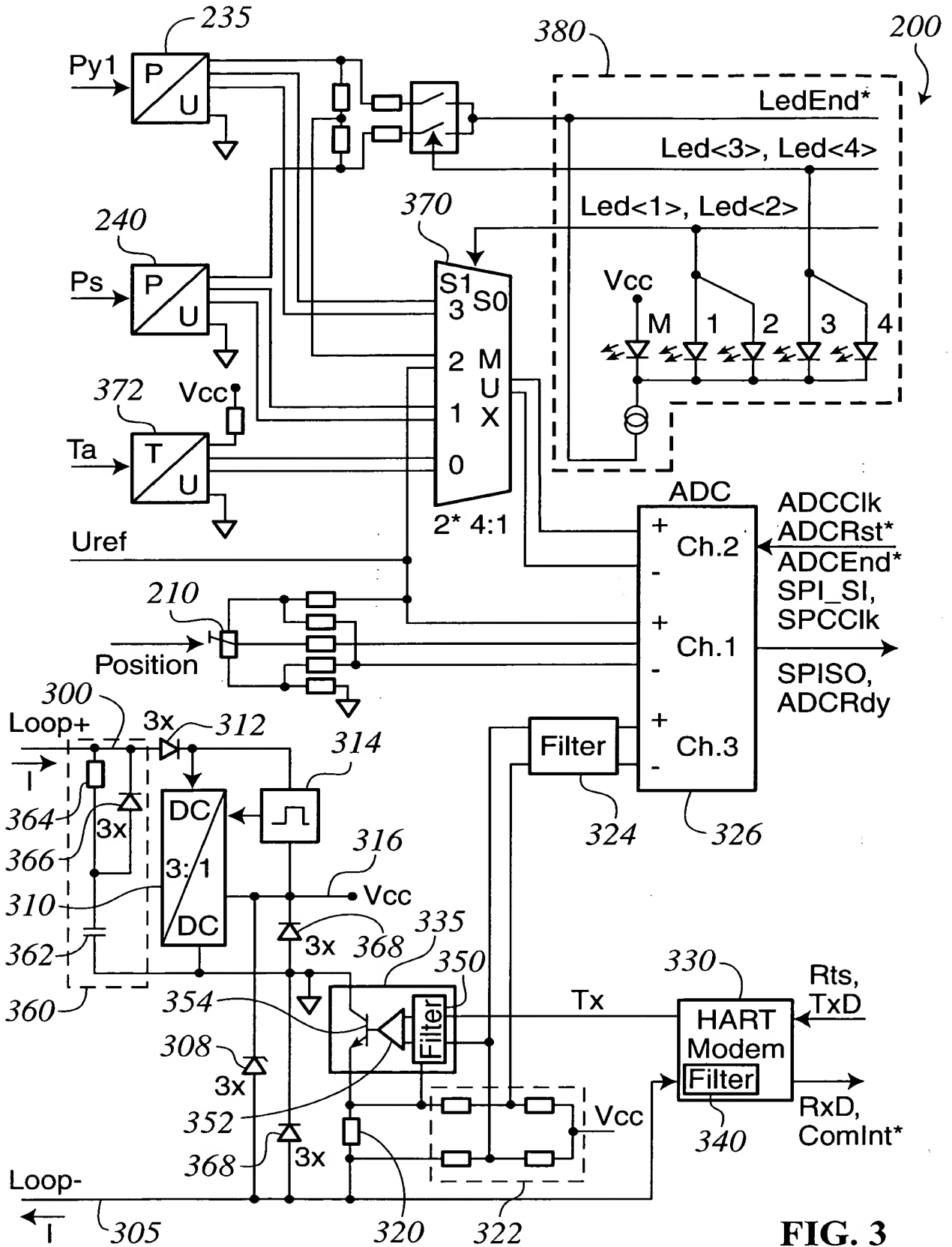
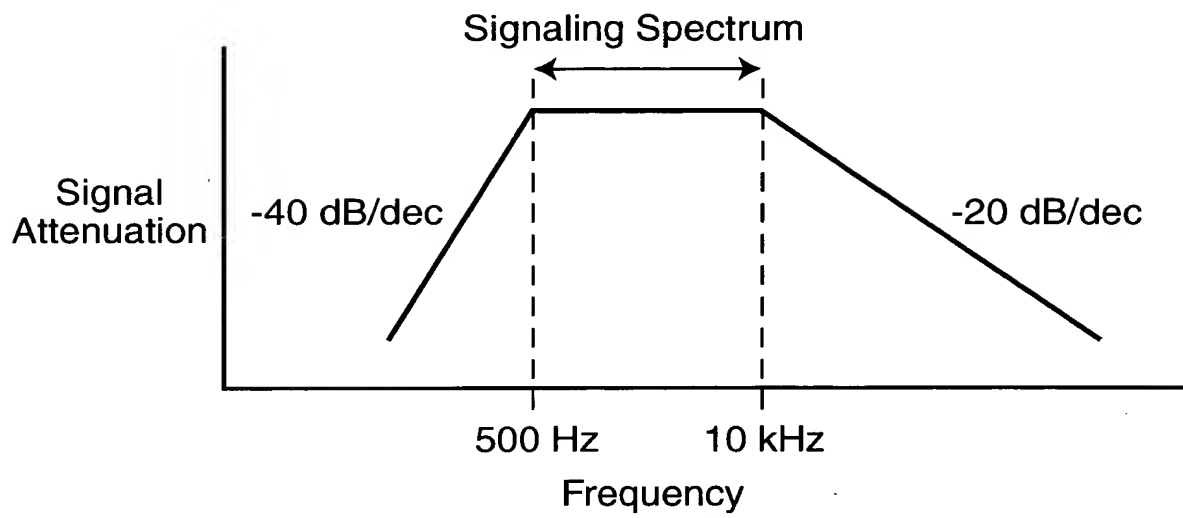


FIG. 3



**FIG. 4**

4/24

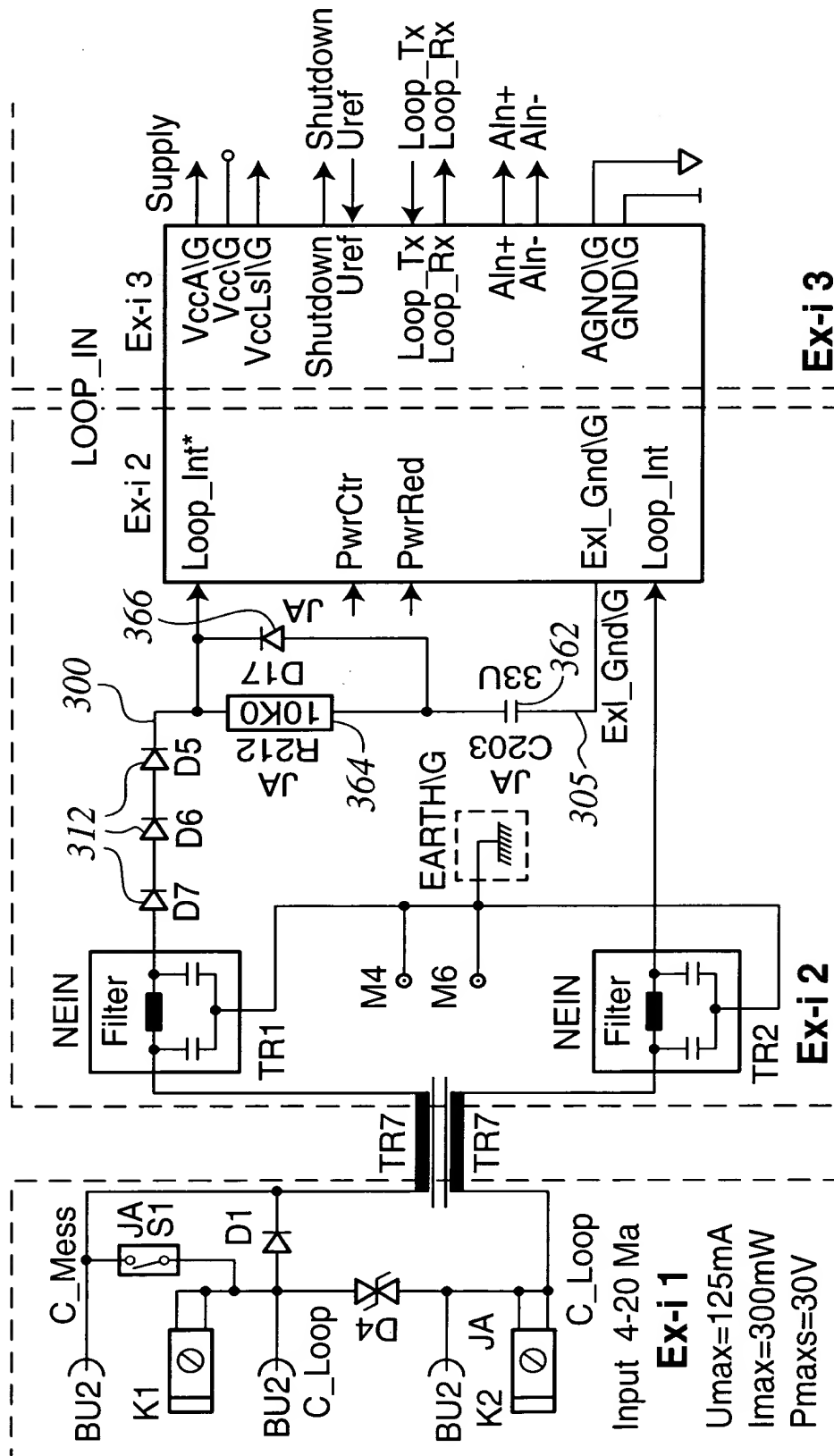
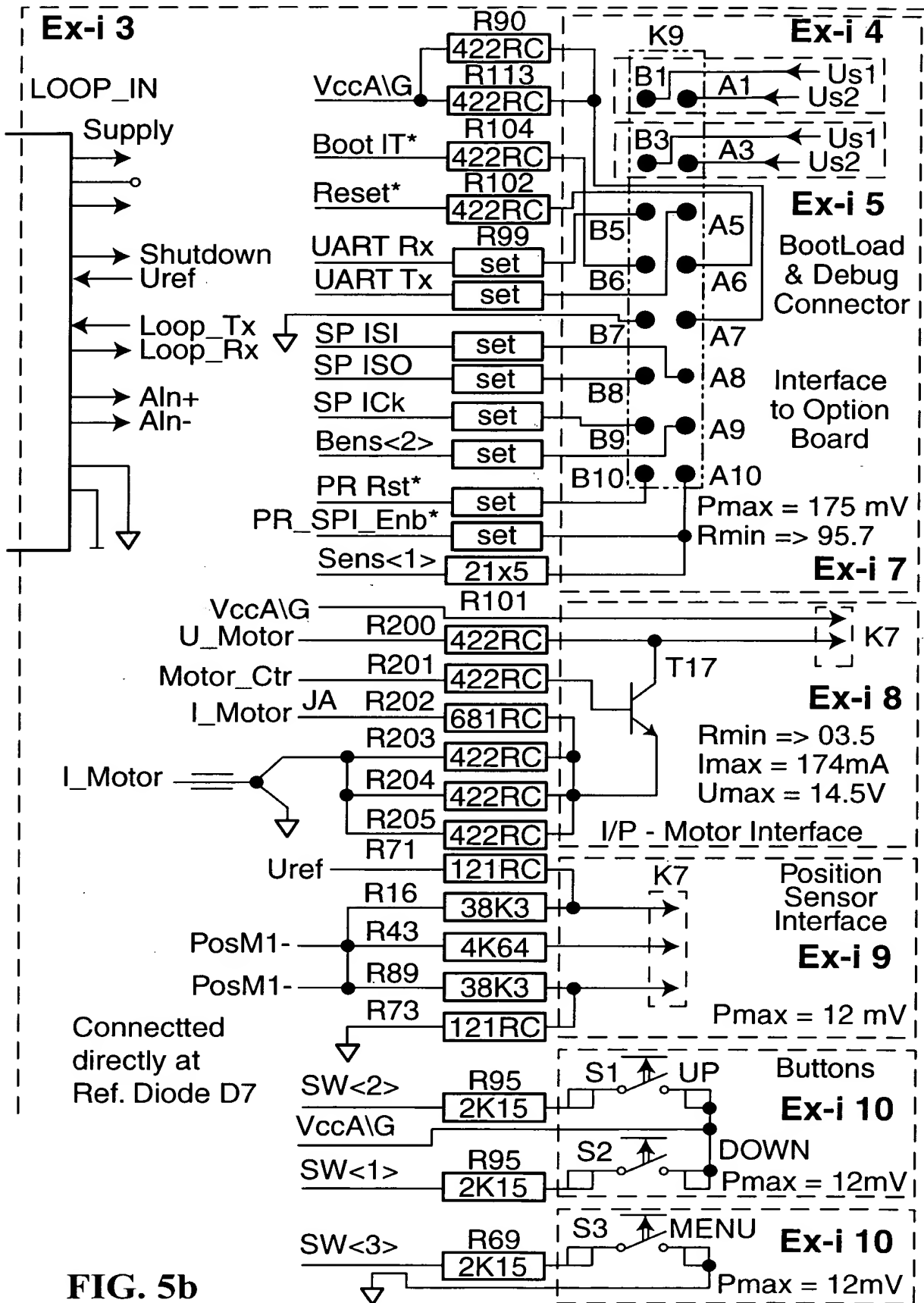


FIG. 5a

5/24



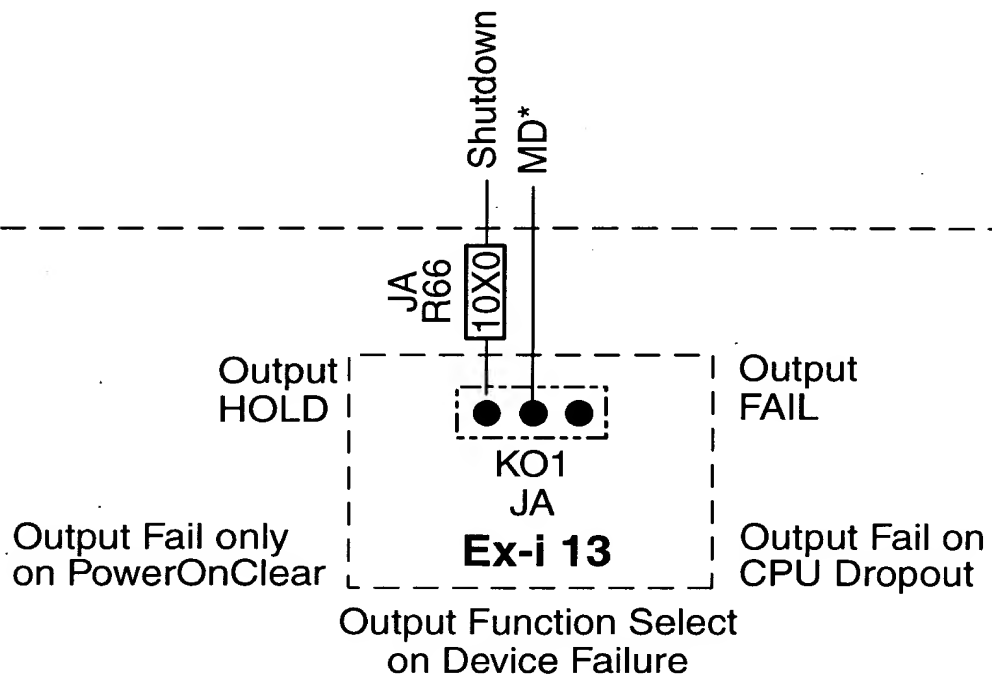
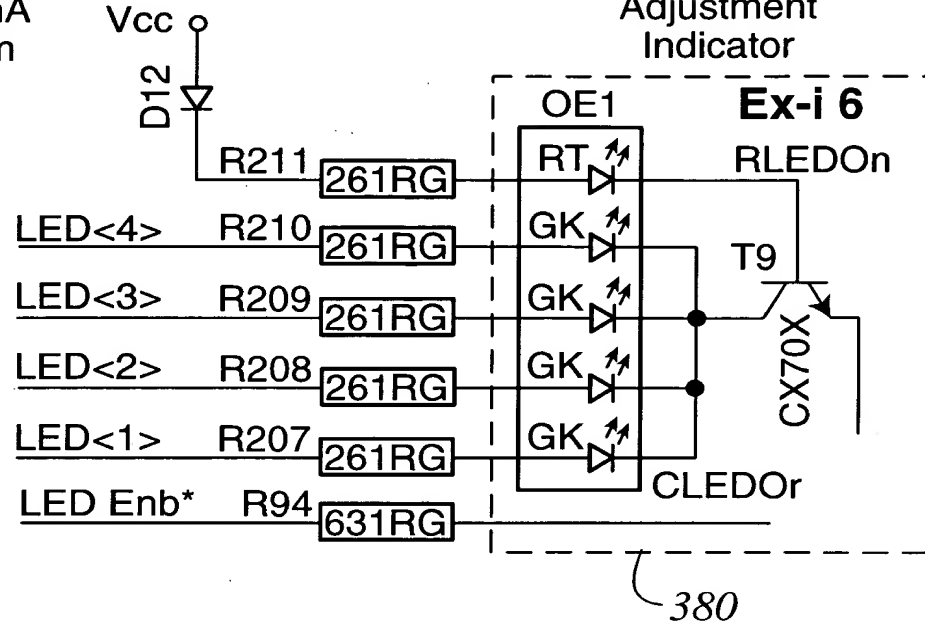
$$U_{\max} = 6.3 + 2 + 0.55 \text{ V} = 8.2 \text{ V}$$

**$I_{max} = 390 \text{ mA}$**

**pMAX = 8.9 m**

CA. 13 uF

**LED  
Adjustment  
Indicator**



**FIG. 5c**

7/24

## Terminatorfield

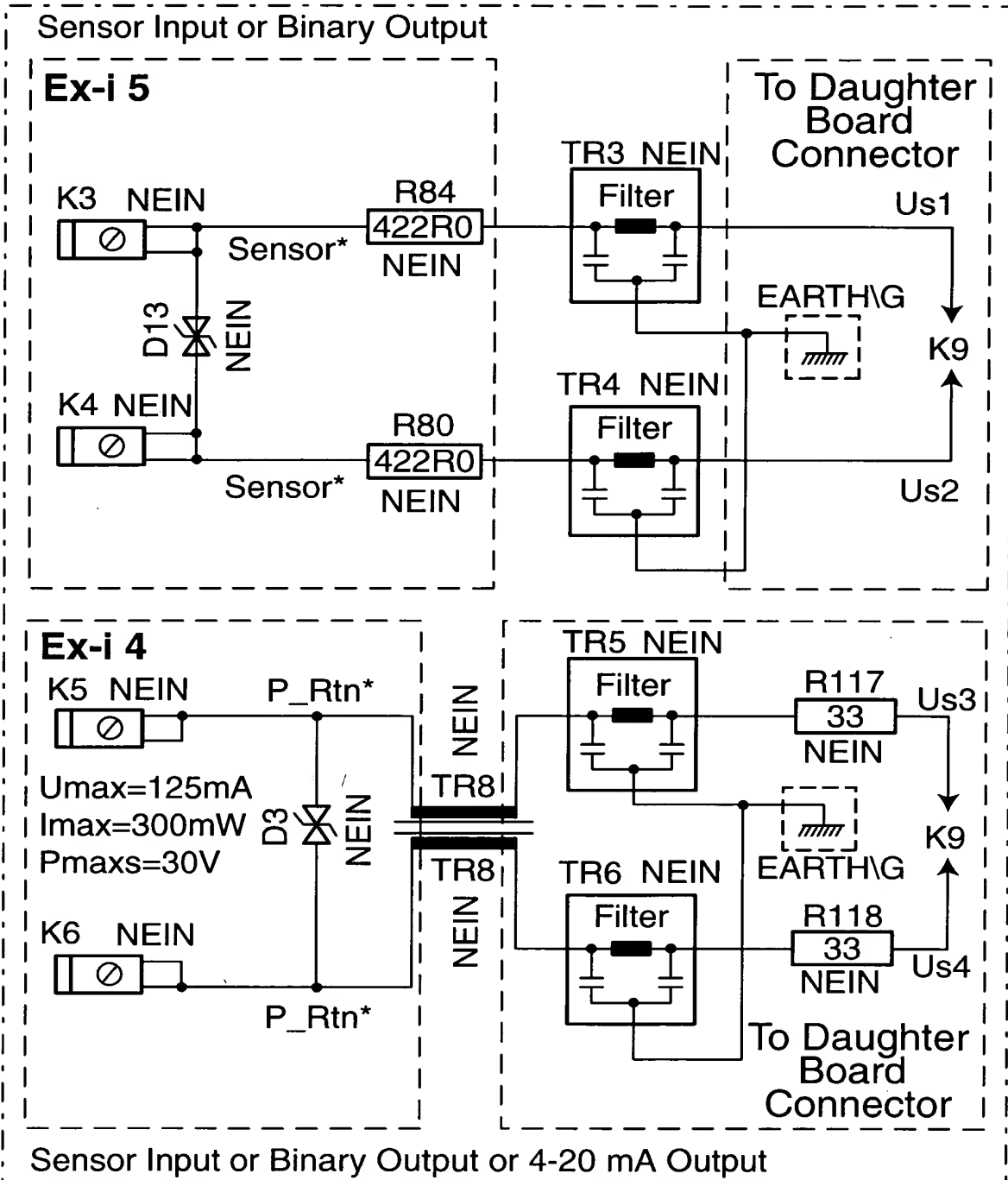
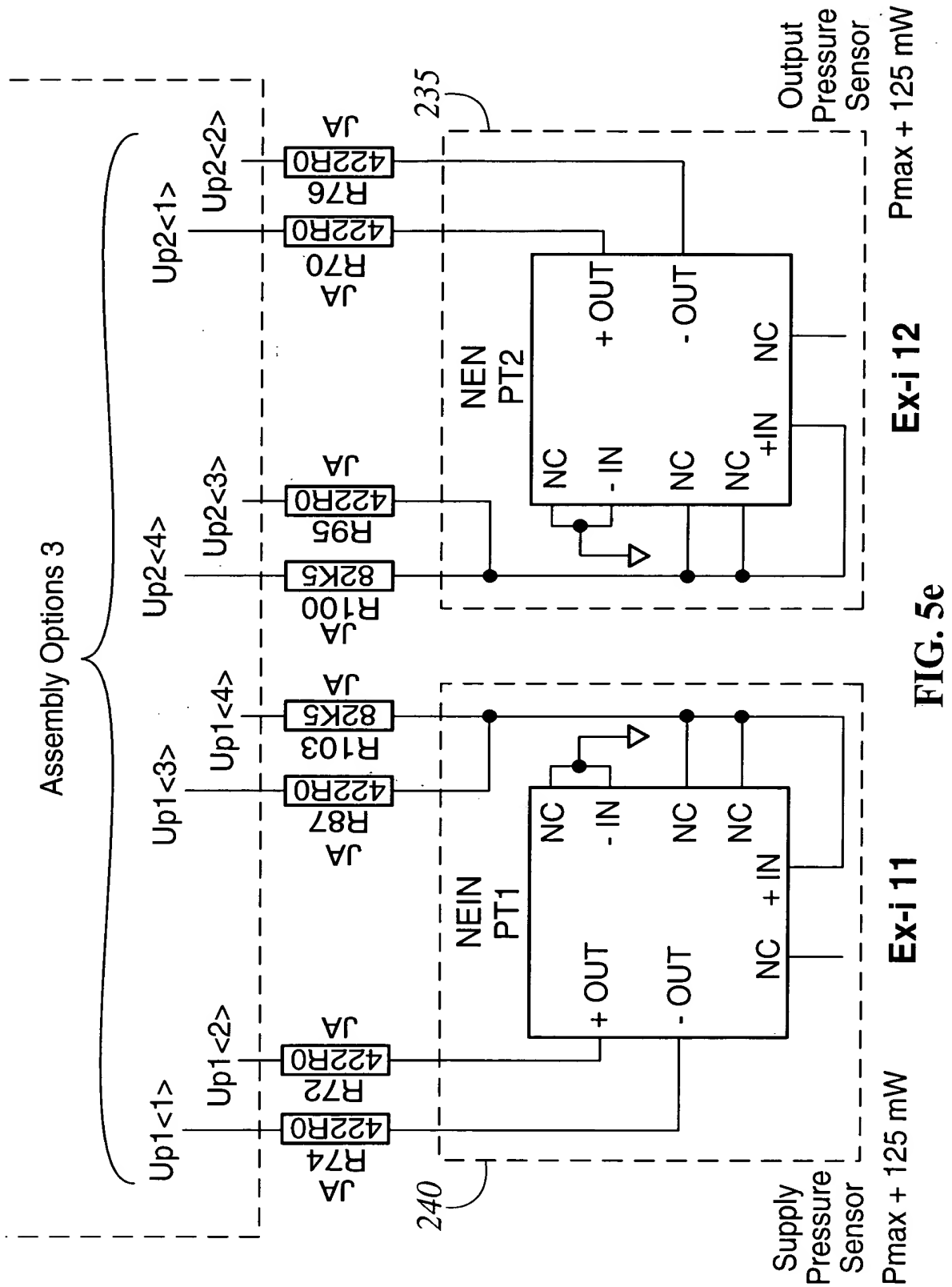
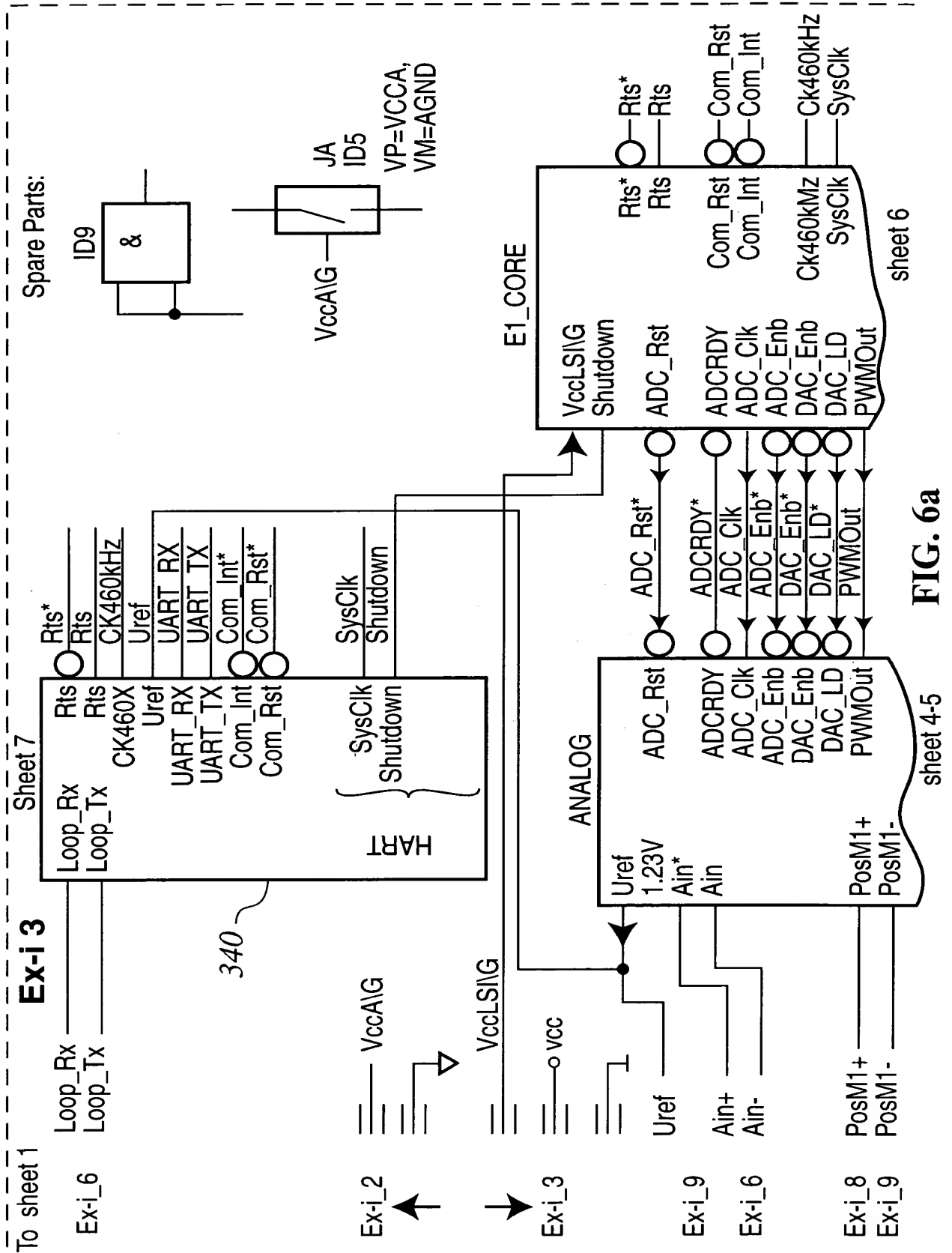


FIG. 5d





9/24



10/24

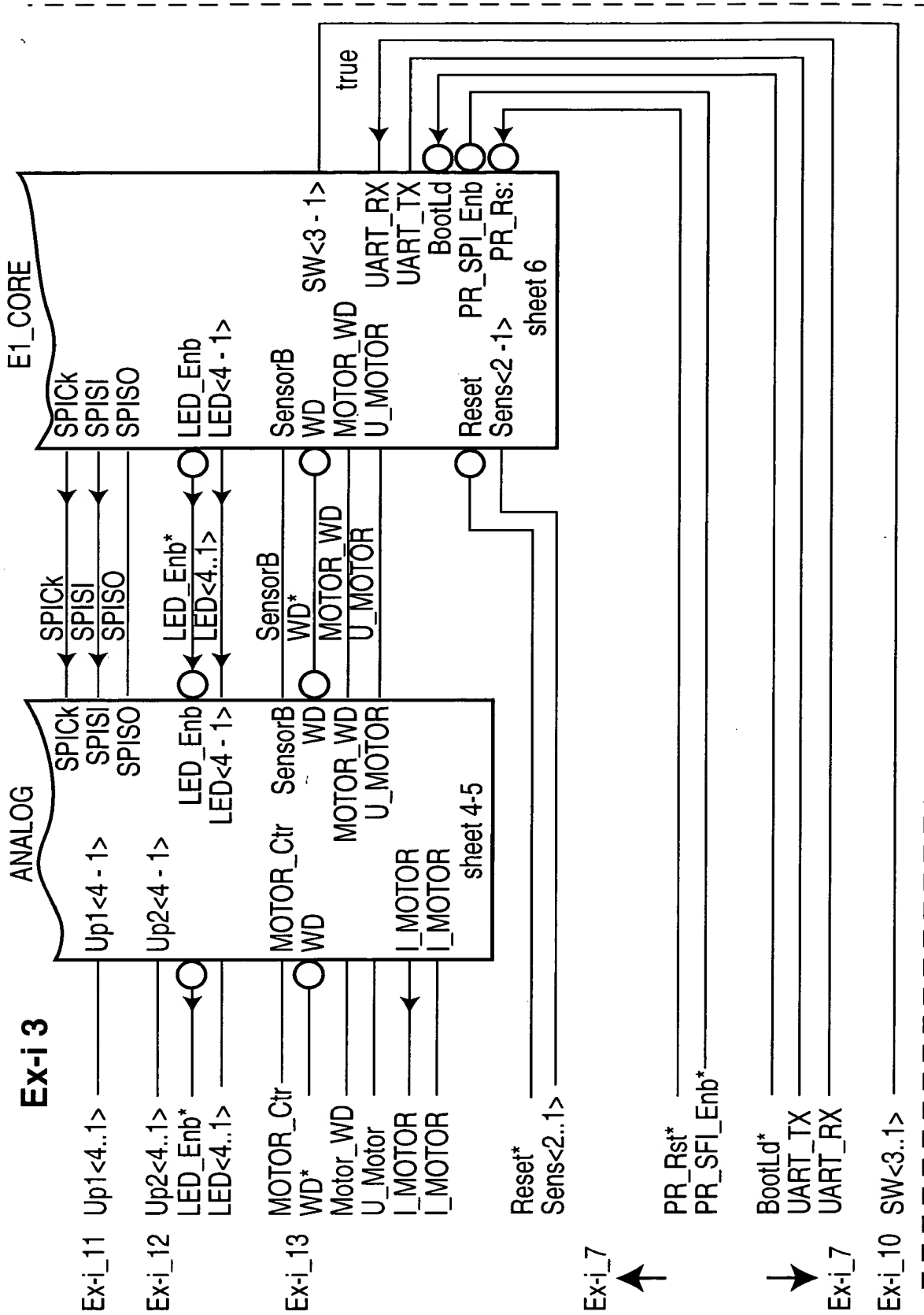


FIG. 6b

11/24

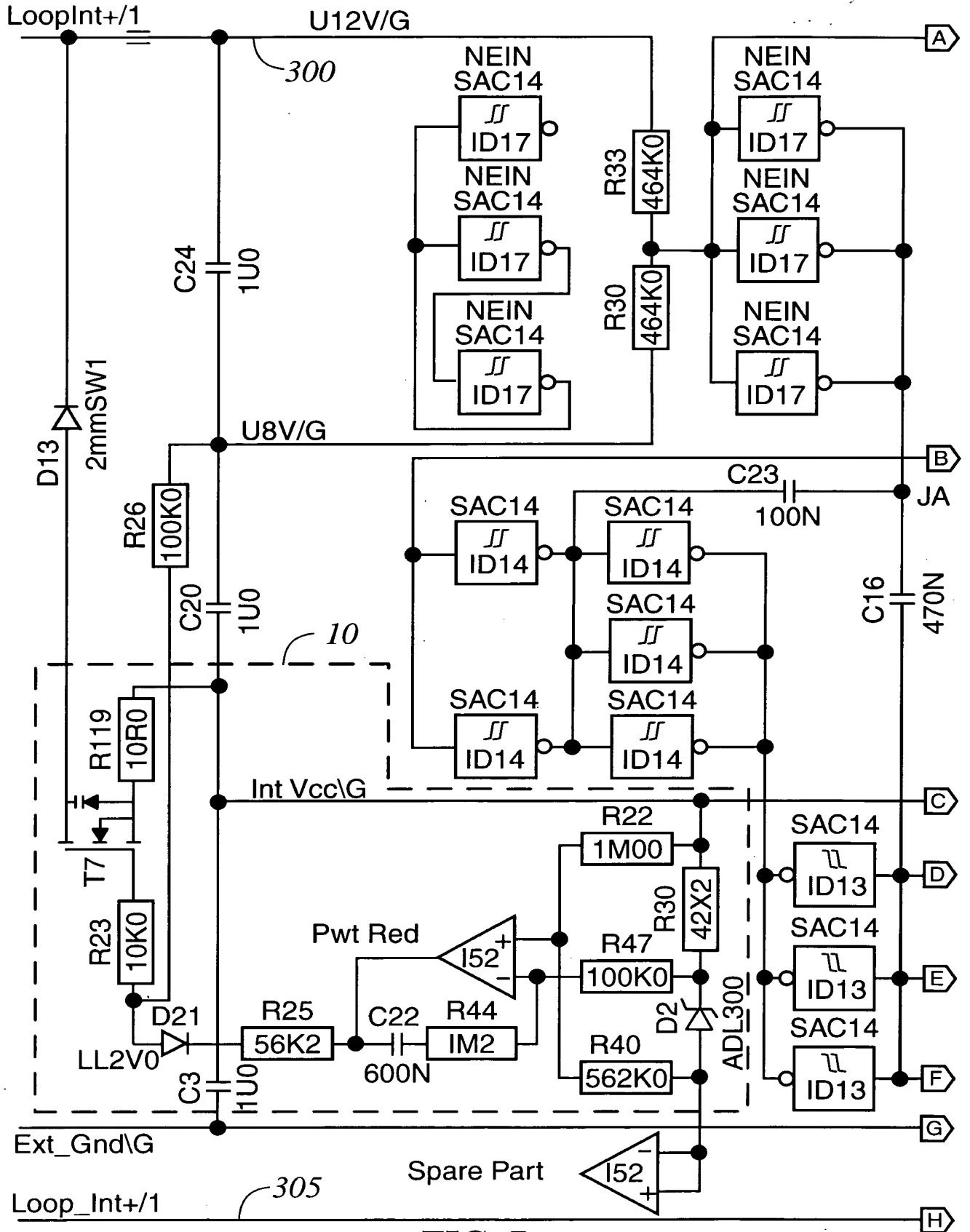


FIG. 7a

12/24

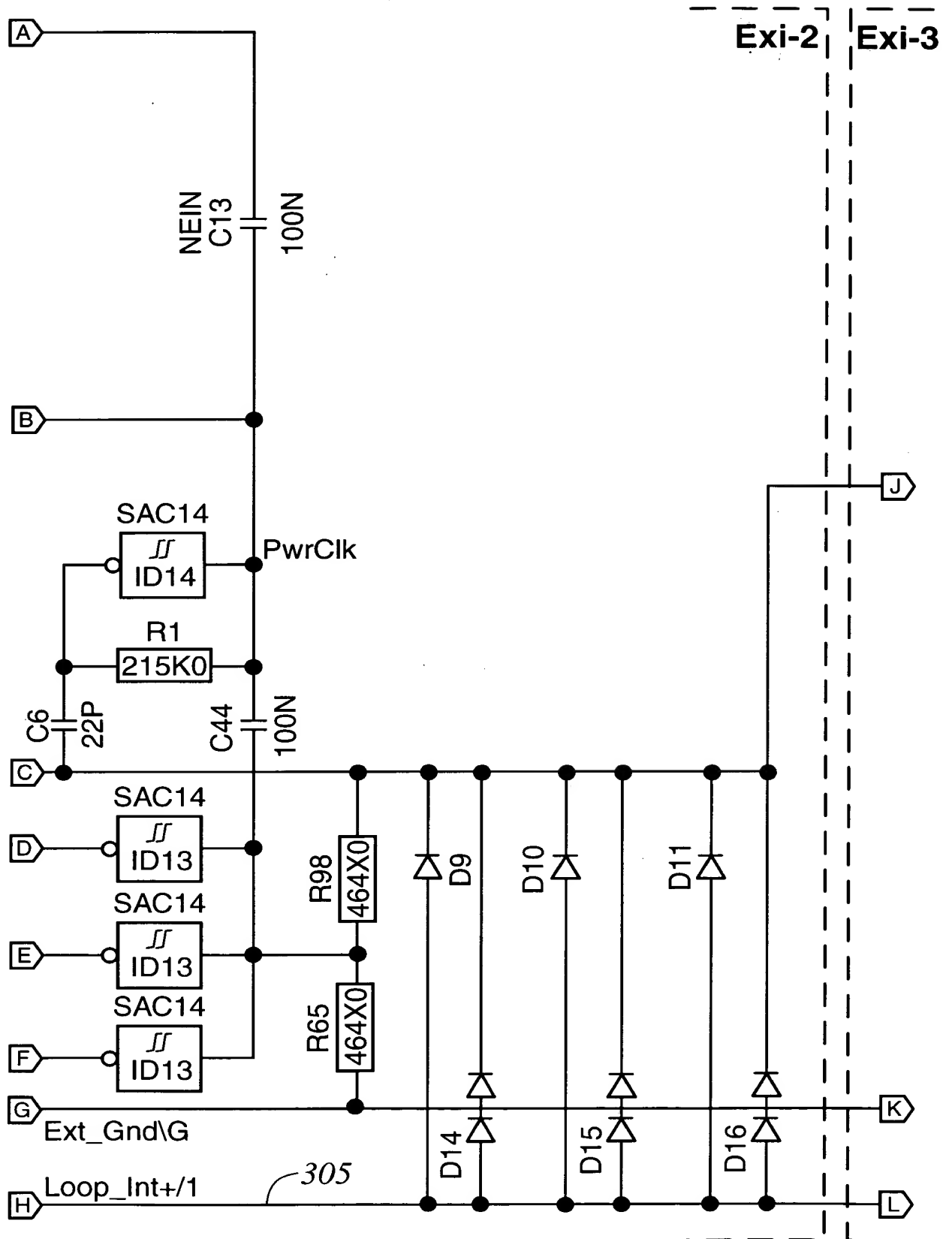


FIG. 7b

13/24

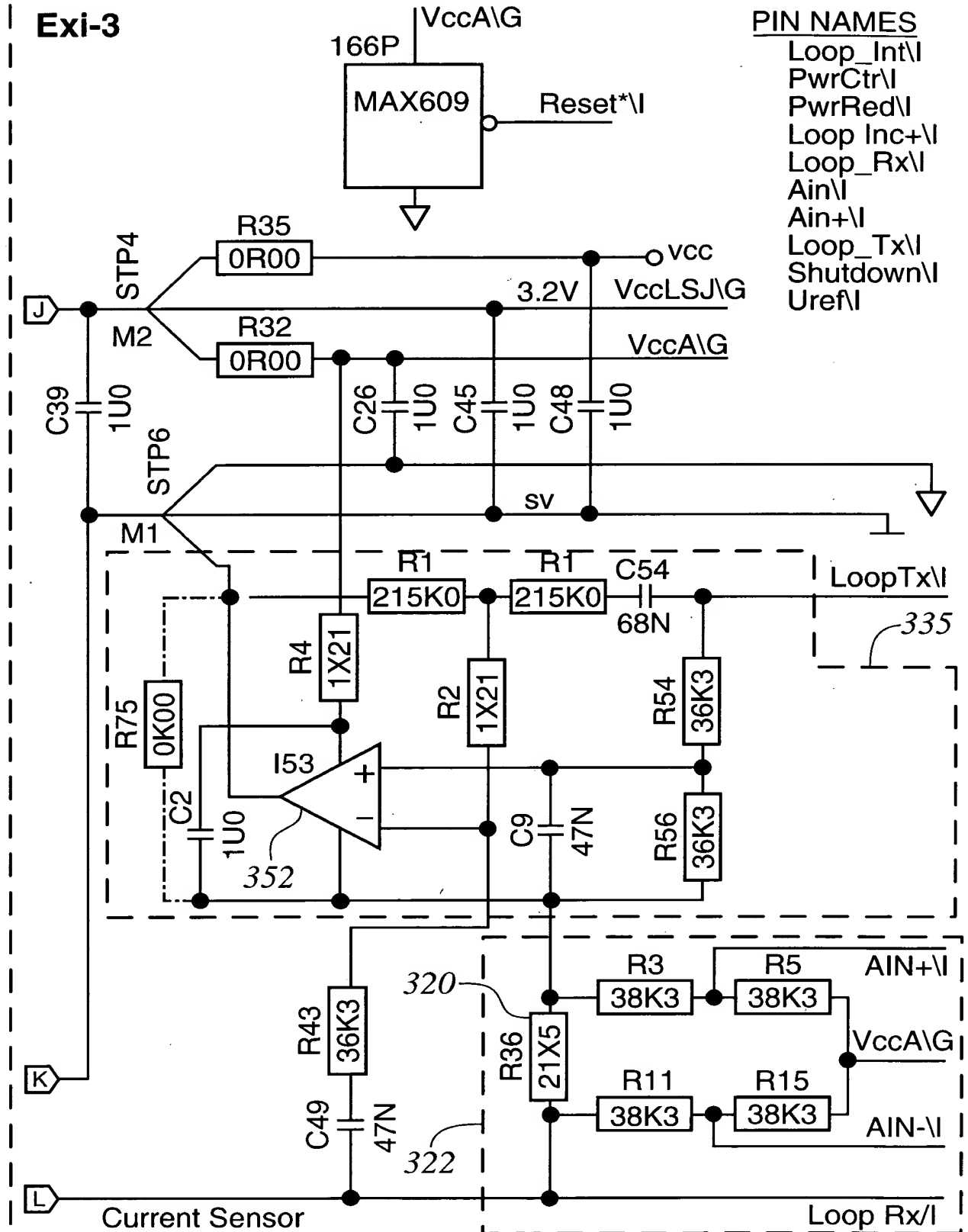
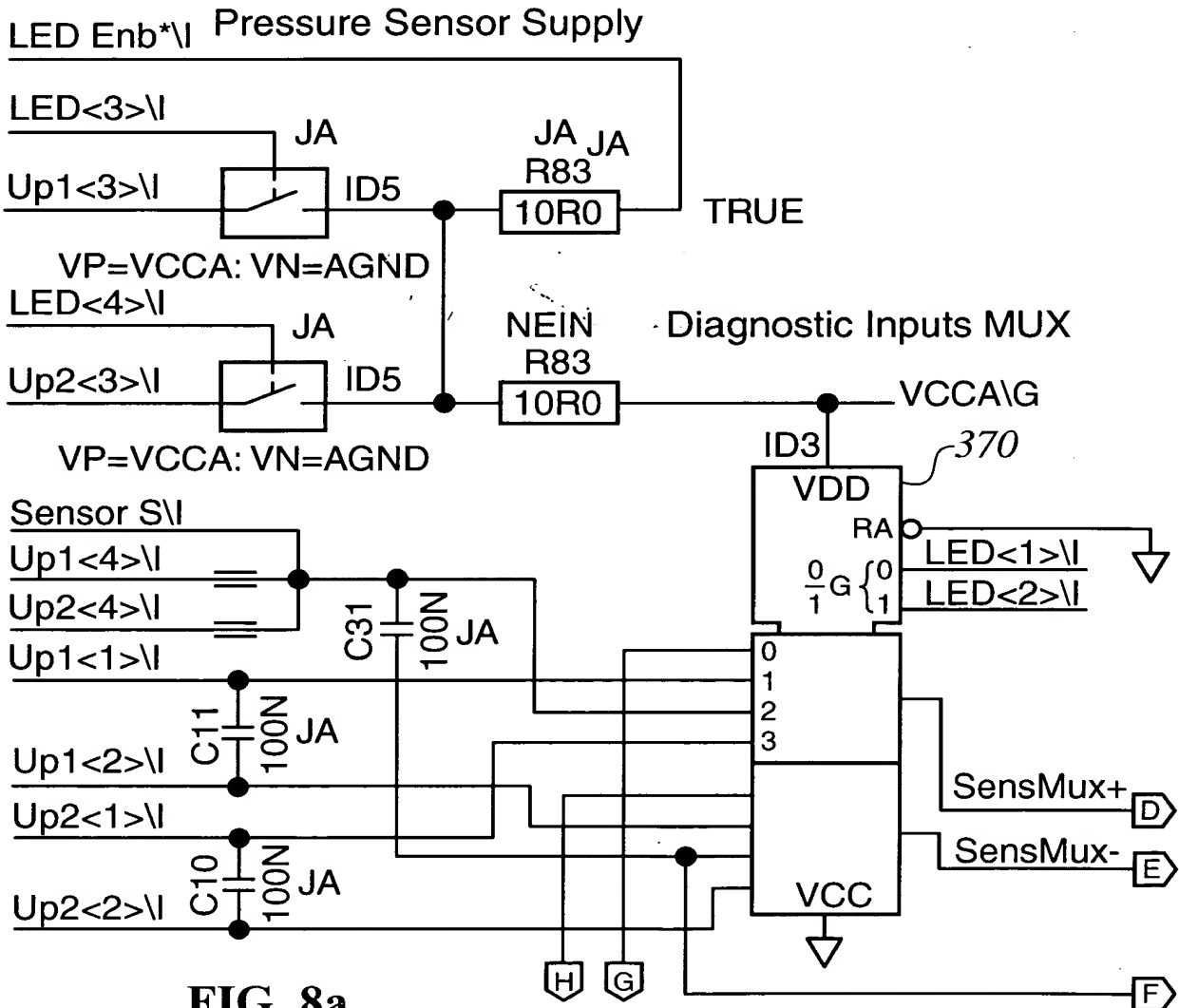
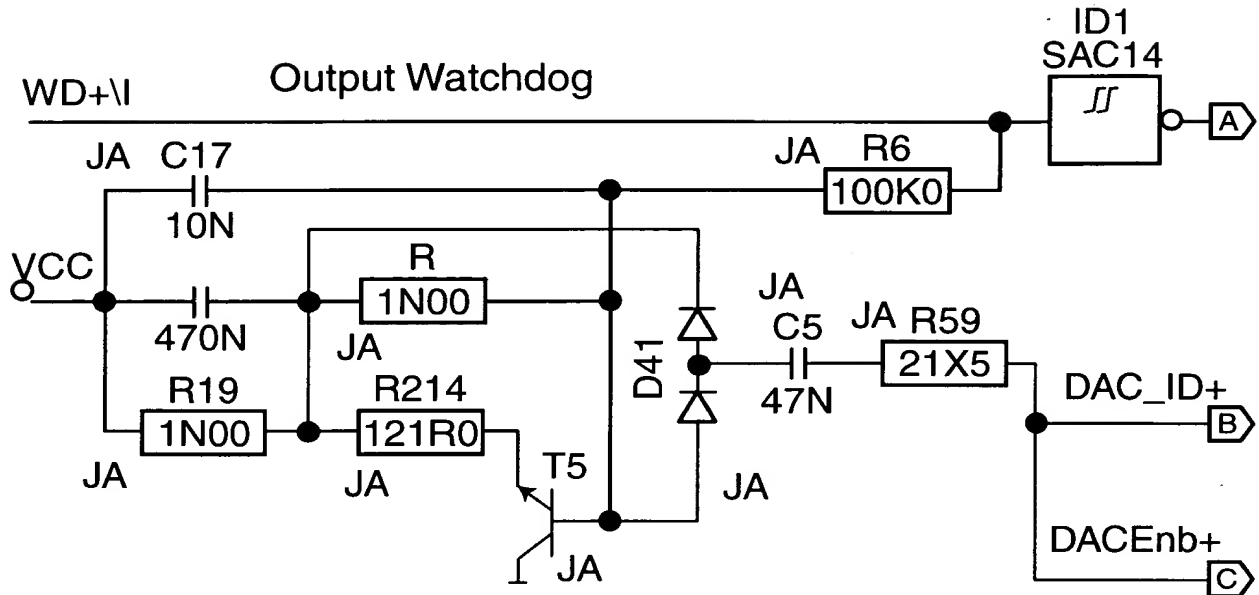


FIG. 7c

14/24



**FIG. 8a**



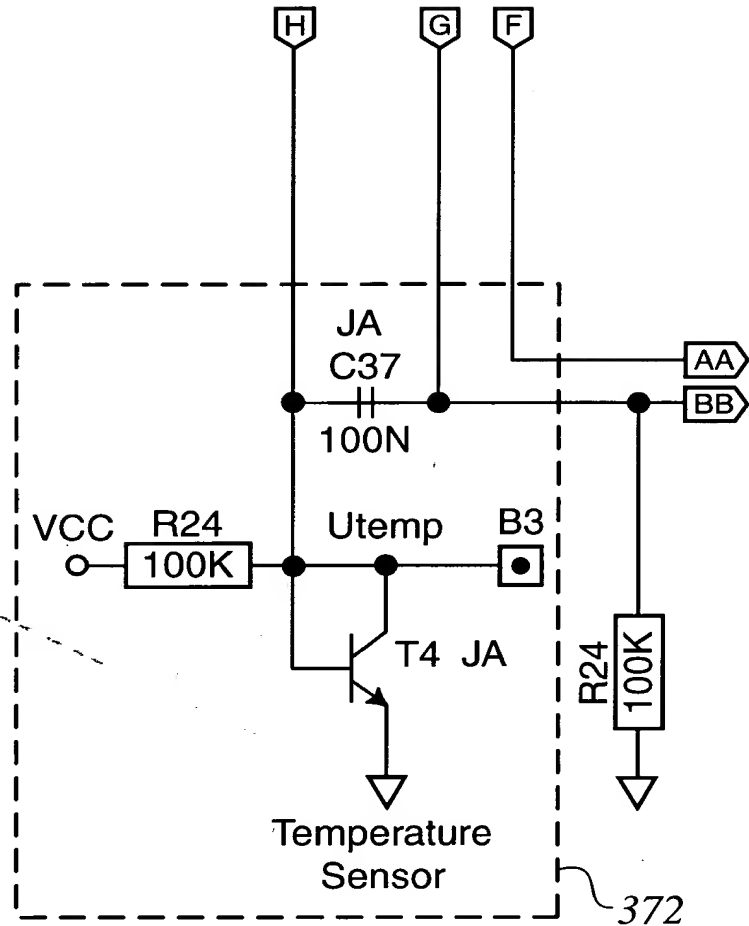




17/24

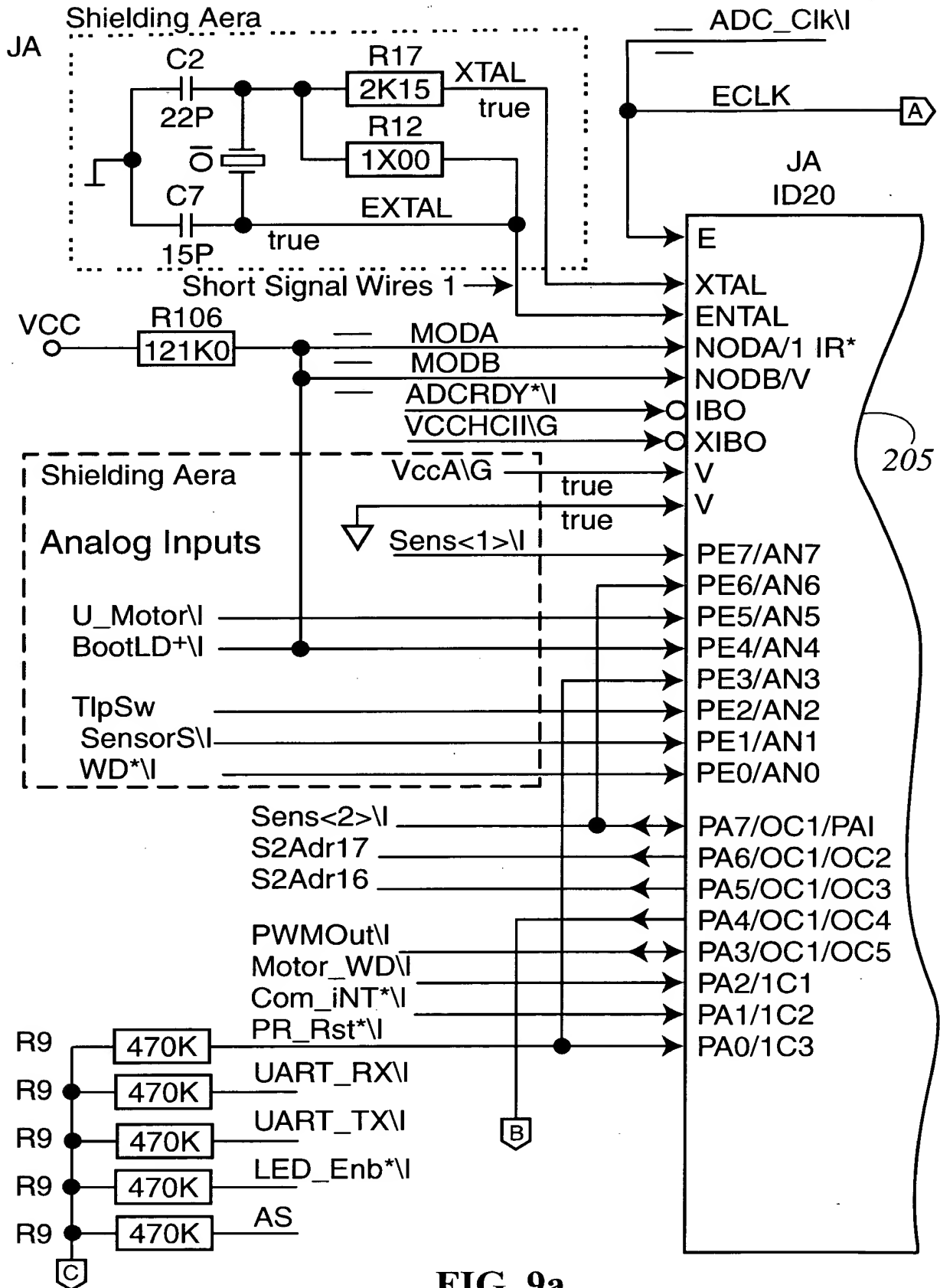
# PIN NAMES

I\_Motor-\I  
 I\_Motor/I  
 LED\_Enb+\I  
 LED\_End+\I  
 Motor\_Ctr\I  
 U\_Motor\I  
 U\_MOTOR\I  
 Motor\_WD\I  
 Motor\_WD\I  
 Senso=S\I  
 LED<4..1>\I  
 PWMOut\I  
 DAC\_LD+\I  
 ADCRDY+\I  
 ADC\_Rst+\I  
 ADC\_CLK\I  
 SPISO\I  
 SPIS\I  
 SPICK\I  
 DACEnb+\I  
 ADCEnb+\I  
 Up2<4..1>\I  
 Up1<4..1>\I  
 PosMI-\I  
 PosMI+\I  
 Ain-\I  
 Ain+\I  
 MD+\I  
 MD+\I  
 LED<4..1>\I  
 Uref\I



**FIG. 8d**

18/24



19/24

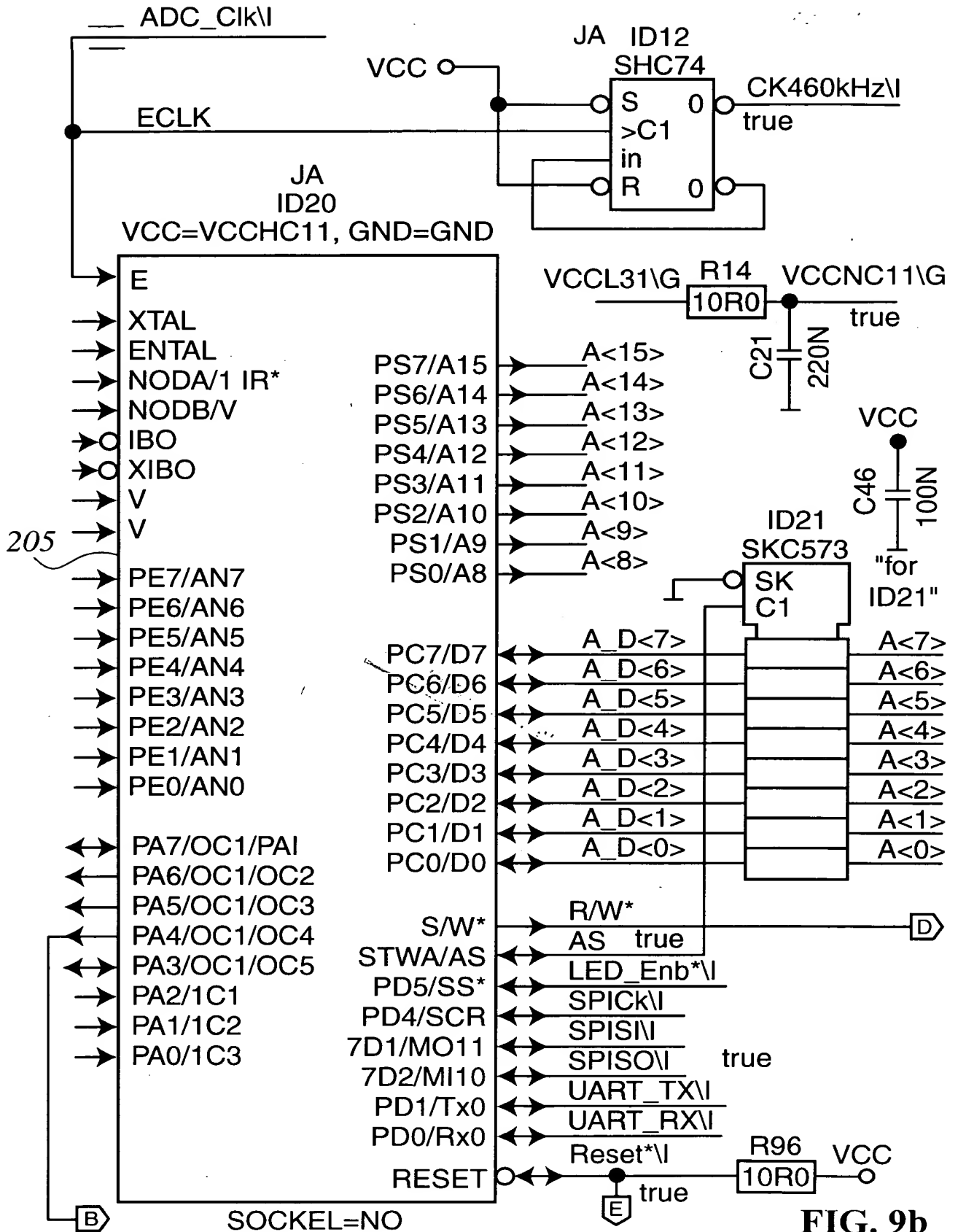


FIG. 9b

20/24

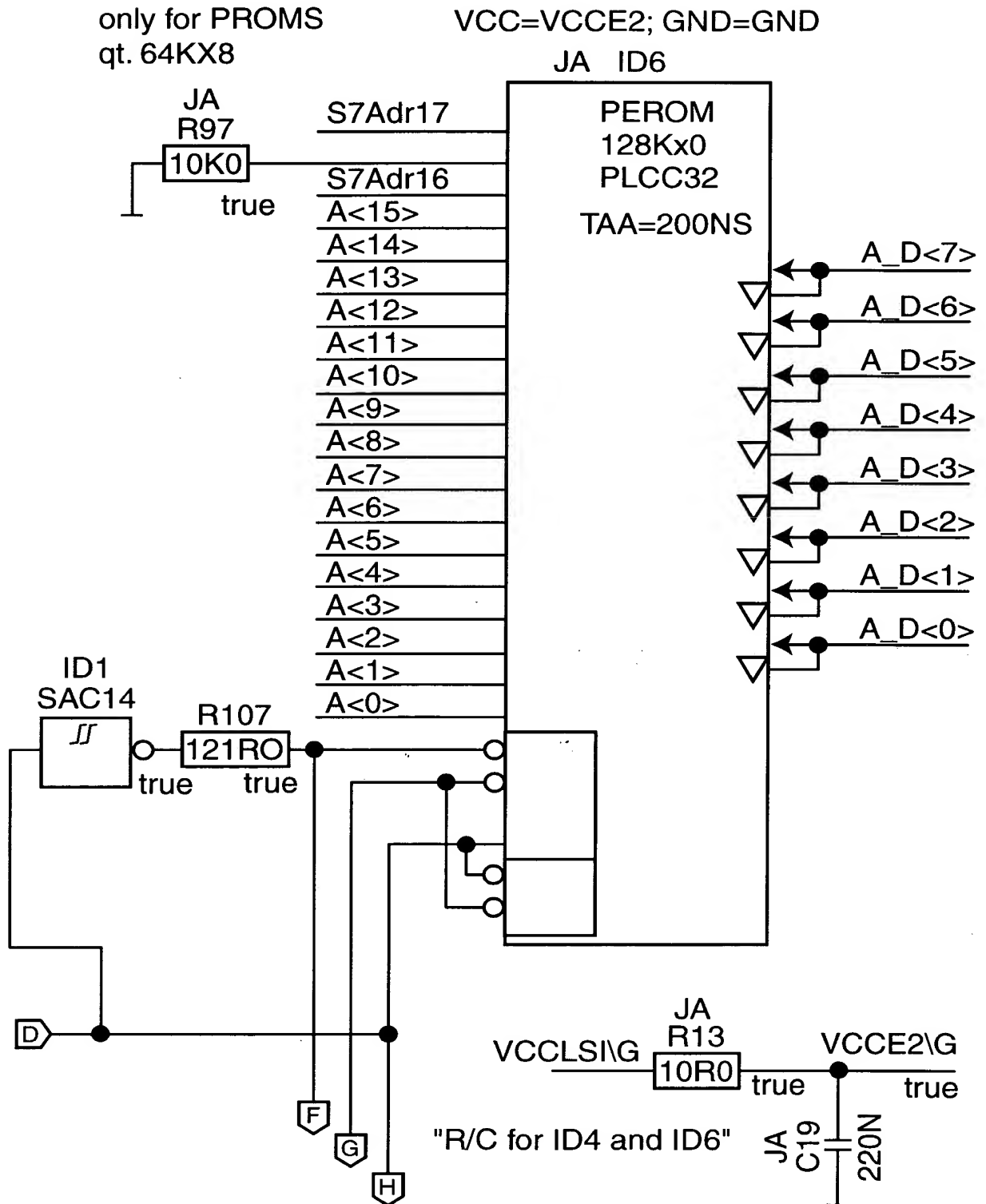
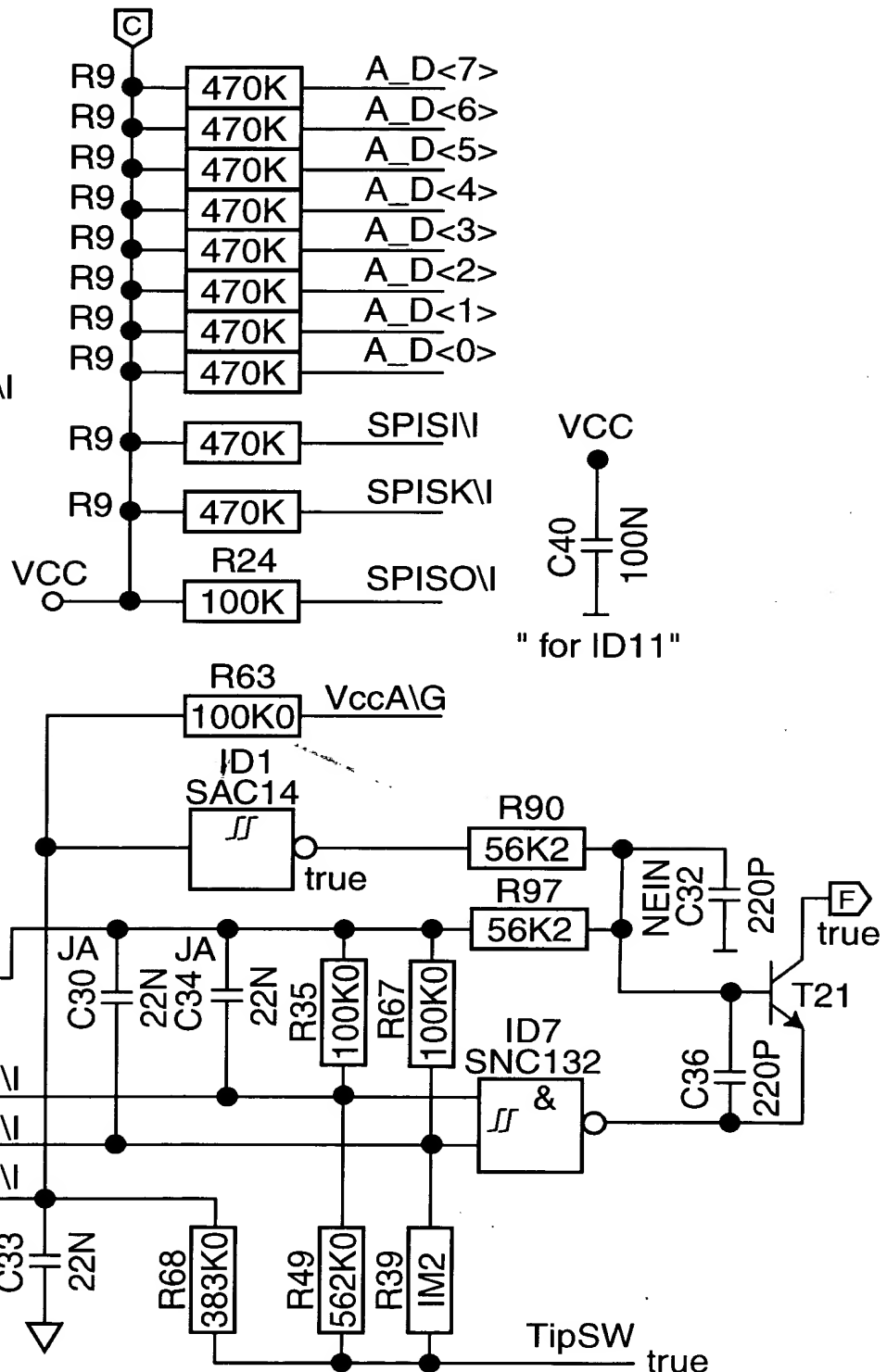


FIG. 9c

<b>Shutdown\I</b>	
<b>to</b>	
<b>Buttons</b>	
"Up"	<u>SW&lt;2&gt;\I</u>
"Down"	<u>SW&lt;1&gt;\I</u>
"Menu"	<u>SW&lt;3&gt;\I</u>



**FIG. 9d**

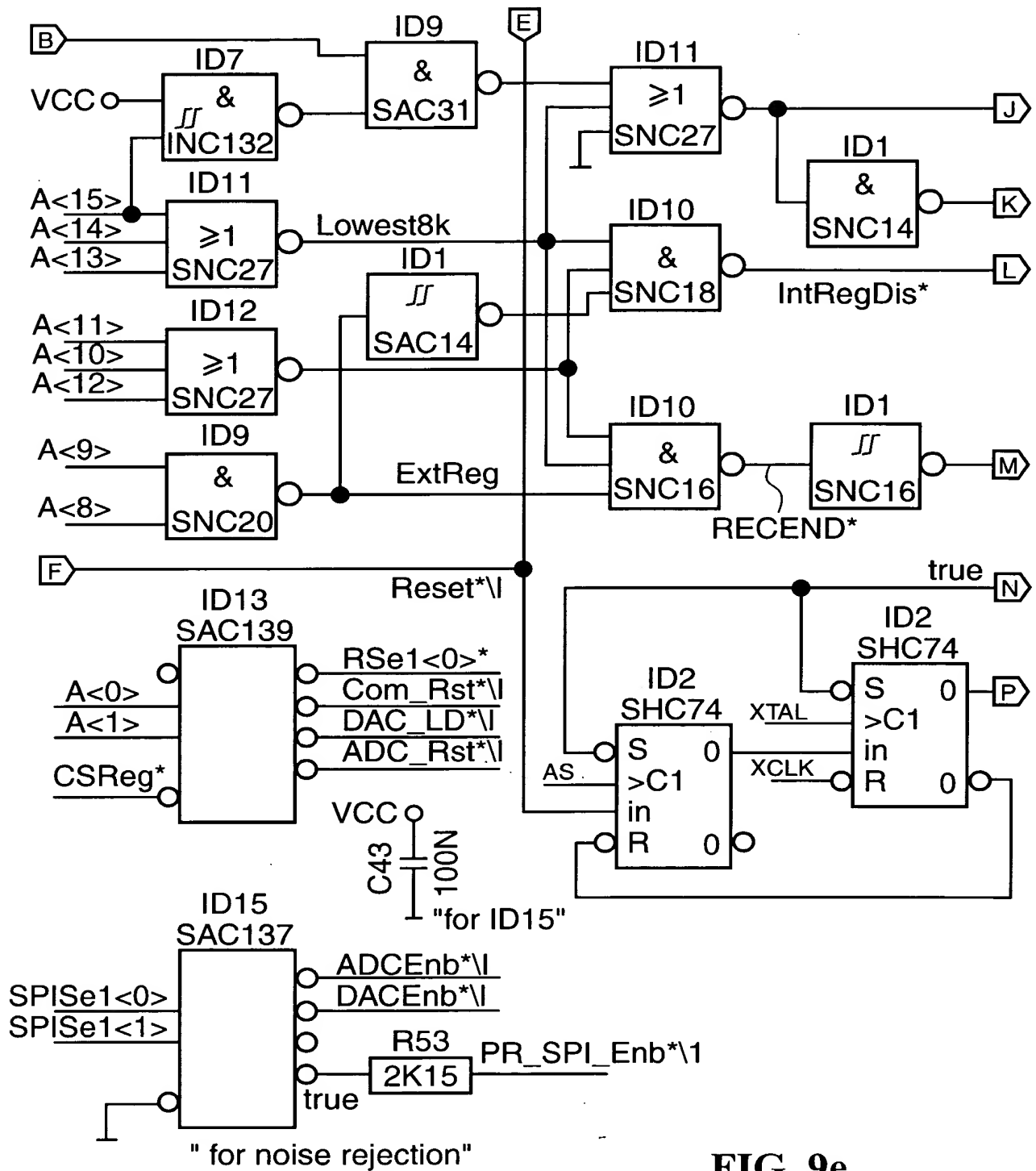


FIG. 9e

